



503.35255V11

SFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: K. AOTA, et al.

Serial No.: 10/600,610

Filed: June 23, 2003

Title: FRICTION STIR WELDING METHOD AND STRUCTURE  
BODY

Group: 1725

Examiner: Kiley S. Stoner

Confirmation No.: 9608

**RESPONSE TO NOTICE TO FILE**  
**CORRECTED APPLICATION PAPERS**

**Rori Burch**  
2900 Crystal Drive  
Suite 7A25  
Arlington, Virginia 22202

May 12, 2005

SIR:

The Notice to File Corrected Application Papers mailed April 12, 2005, in connection with the above-identified application, is noted. This Notice requests that Applicants provide missing months on all of the patent documents on the 1449/IDS Form submitted on December 21, 2004.

Upon review of the file history of the above-identified application, it is noted that no Information Disclosure Statement was submitted by Applicants in the above-identified application on December 21, 2004. The sole Information Disclosure Statement submitted by Applicants in the above-identified application, was submitted on June 23, 2003, upon originally filing the above-identified application. However, note that the Notice of Allowance in the above-identified applicatoin was mailed on December 21, 2004.

In any event, upon review of the PTO/SB/08A submitted with the Information Disclosure Statement upon originally filing the above-identified application, it is to be

noted that only the year was set forth with respect to each of the listed documents.

In view thereof, submitted herewith is a revised Form PTO/SB/08A and B, listing all of the documents that were listed on the originally filed Form PTO/SB/08A and B submitted June 23, 2003, but setting forth at least the month and year for each of the listed documents except for the following listed document:

Thomas, W. M., "Friction Stir Welding", in Metalworking Technology Europe, Sterline Publication (1994), pp. 143-145.

This revised Form also corrects the country designation for No. 579500 A1.

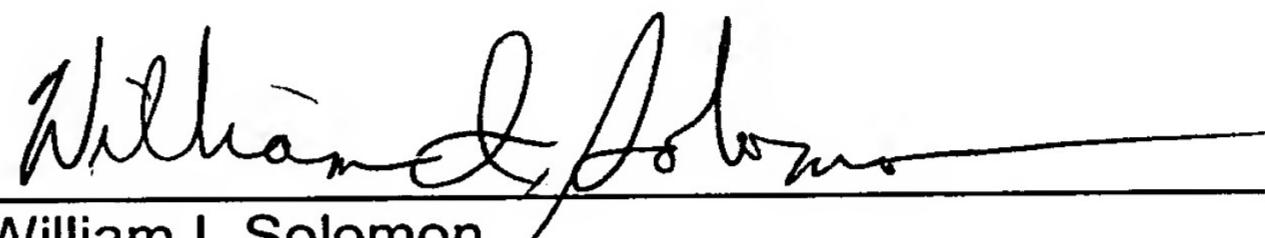
However, in order to facilitate consideration of this listed document from Metalworking Technology Europe, a copy of this document is enclosed herewith. As can be seen on the enclosed copy of this document, only the year is set forth, without a month.

In view of all the foregoing, it is respectfully submitted that the foregoing constitutes a complete reply to the aforementioned Notice mailed April 12, 2005. At most, the enclosed List does not satisfy requirements of 37 CFR 1.97 and 1.98 only in connection with the publication from Metalworking Technology Europe. However, especially in view of the submission of a copy of the listed document, and in view of the enclosed revised Form, it is respectfully submitted that a complete response has been submitted to the Notice mailed April 12, 2005.

Entry of this Response, as a complete response to the Notice mailed April 12, 2005, and issuance of a U. S. patent based upon the above-identified application in due course, are respectfully requested.

Applicants request any shortage or excess in fees in connection with the filing of this paper, and for which no other form of payment is offered, be charged or credited to Deposit Account No. 01-2135 (Case: 503.35255V11).

Respectfully submitted,  
ANTONELLI, TERRY, STOUT & KRAUS, LLP.

  
\_\_\_\_\_  
William I. Solomon  
Registration No. 28,565

Attachments: Return Copy of Notice mailed April 12, 2005 (1 pg.); Revised Form PTO/SB/08A, B (2 pp.); W. M. Thomas, et al., "Friction Stir Welding", Metalworking Technology Europe, pp. 143-145, 1994

WIS/ksh  
1300 N. Seventeenth Street  
Suite 1800  
Arlington, Virginia 22209  
Tel: 703-312-6600  
Fax: 703-312-6666



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)



Date Mailed: April 12, 2005  
10/600,610

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

### *Notice of Allowance Mailed*

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- Please provide missing months for all the patent documents on the 1449/IDS form submitted on 12/21/04.

**APPLICANT MUST SUPPLY MISSING INFORMATION WITHIN 30 DAYS OF THE MAIL DATE OF THIS NOTICE.**

*A copy of this notice **MUST** be returned with the reply. Please address response to "Rori Burch 2900 CRYSTAL DRIVE SUITE 7A25 ARLINGTON, VA 22202"*

  
Name: Kay Pinkney  
Quality Assurance Branch  
Phone 703-305-0333 ext. 144  
Fax 703-308-6642



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<i>Complete if Known</i>	
<b>REVISED – MAY 12, 2005</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/600,610
		Filing Date	JUNE 23, 2003
		First Named Inventor	K. AOTA
		Art Unit	1725
		Examiner Name	Kiley S. Stoner
Sheet	1	of	2
		Attorney Docket Number	
		503.35255V11	

FOREIGN PATENT DOCUMENTS					
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
		JP 57-112813	12/29/1980		
		JP 54-11250	05/14/1979		
		JP 7-266068	10/17/1995		
		JP 10-216964	08/18/1998		
		JP 60-166177	08/29/1985		
		JP 51-111925	03/06/1975		
		JP 6-156272	06/03/1994		
		JP 7-33016	02/03/1995		
		EP 0 579 500 A1	11/19/1994		
		WO 93/10935	06/10/1993		

Examiner Signature		Date Considered
-----------------------	--	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
				Application Number	<b>10/600,610</b>
				Filing Date	<b>JUNE 23, 2003</b>
				First Named Inventor	<b>K. AOTA</b>
				Group Art Unit	<b>1725</b>
				Examiner Name	<b>Kiley S. Stoner</b>
Sheet	<b>2</b>	of	<b>2</b>	Attorney Docket Number	<b>503.35255V11</b>

<b>OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS</b>		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		<b>Friction Stir Process Welds Aluminum Alloys, Welding Journal, American Welding Society, Vo. 75, No. 3 (March 1996), pp. 41-45</b>
		<b>Light Metal Welding Vol. 33, No. 7, pp. 19-26 (July 1995)</b>
		<b>Two Prints dated June 23, 1993 showing details from a video from the Welding Institute</b>
		<b>Verksstadnerna Nr 2, pp. 32 and 34 (February 1996)</b>
		<b>Advanced Materials &amp; Processes, pp. 22-23, (September 1993)</b>
		<b>Metalworking Technology Europe, Sterline Publication, pp. 143-145, (1994)</b>
		<b>An Introduction to Friction Stir Welding and Its Development, by CJ Dawes, Welding &amp; Metal Fabrication, pp. 13-16, (January 1995)</b>

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.